Samsung

(S C H - R 4 5 1 C S e r i e s)

M O B I L E P H O N E

User Manual
Please read this manual before operating your phone, and keep it for future reference.

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The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

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Table of Contents

Section 1: Getting Started 4

Understanding this User Manual 4
Install the Battery 5
Remove the Battery 6
Charging the Battery 7
Activating Your Phone 8
Setting Up Your Voicemail 8
Memory Card (Optional) 9
Headset (Optional) 10

Section 2: Call Functions 11

Making a Call 11
Answering a Call 14
Recent Calls 16

Section 3: Voice Service 18

Voice Commands 18
Voice Settings 19

Section 4: Understanding Your Phone 21

Features of Your Phone 21
Closed View of Your Phone 22
Open View (Front) of Your Phone 24
Closed Rear View of Your Phone 25
Command Keys 26
Your Phone's Modes 29

Section 5: Understanding Your Contacts 33

Finding a Contact 33
Adding a New Contact 34
Deleting a Contact 34
Editing a Contact 34
Saving a Number After a Call 35

Speed Dial 35
Contacts Groups 36
Memory Info 37
Section 6: Menu Navigation 38
Menu Navigation 38
Navigation Key Shortcuts 39
Navigate Using a Shortcut 40
Section 7: Tools 41
Bluetooth 41
Calendar 42
Memo Pad 42
Alarm Clock 42
World Time 43
Calculator 43
Stop Watch 43
Converter 43
Tip Calculator 43
Section 8: Settings 44
Location 44
Display Settings 44
Sound Settings 45
Call Settings 45
Phone Settings 45
Memory Info 46
Phone Info 46
Section 9: Multimedia 47
Camera 47
My Images 48
Music Player 48
My Ringtones 50
My Sounds 50

Section 10: Browser 51
Launching Browser 51
Using Browser 52
Section 11: Messages 54
Types of Messages 54
Create and Send Text Messages 54
Create and Send Picture Messages 54
Receive Messages 55
Inbox 55
Outbox 55
Drafts 56
Voicemail 56
Erase Messages 56
Message Settings 56
Section 12: Entering Text 57
Built-in QWERTY Keypad 57
Text Entry Modes 58
Using T9® Mode 58
Using Abc/ABC Mode 59
Using 123 Mode 60
Entering Symbols 60
Section 13: Prepaid 61
Add Airtime 61
Buy Airtime 61
My Phone Number 61
Airtime Info 61
Airtime Display 61
Serial Number 61
Code Entry Mode 62

Section 1: Getting Started

This section explains how to start using your SCH-R451C phone.

Understanding this User Manual

The chapters of this guide generally follow the same order as the menus and sub-menus in your phone.

Notes and Tips

Throughout this guide there is text that is set apart from the rest. These are intended to point out important information, quick methods for activating features, to define terms, and more. The definitions for these methods are as follows:

- **Notes**: Explain alternative options within the current feature, menu, or sub-menu.
- **Tips**: Provide quick or innovative methods for performing functions related to the subject.
- **Important**: Points out important information about the current feature that could affect performance, or even damage your phone.

Text Conventions

This manual provides condensed information about how to use your phone. To make this possible, the following terms and icons appear in place of often-used procedural steps:

highlight	Use the Navigation key to move a highlighting effect to a menu item or screen item of interest.
select	After "highlighting" a menu item or screen item, press the **OK** key to launch, access, or save a highlighted menu item or screen field of interest.
➔	Used in place of "select" in long "drill down" procedure steps.

Example: "...Settings ➔ Call Settings ➔ Call Answer..."

Install the Battery

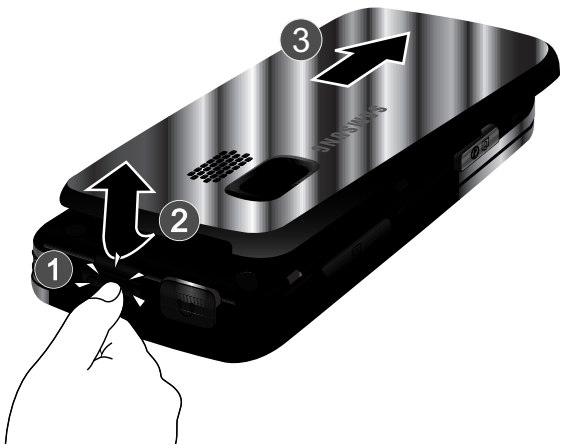
Note: Your phone comes packaged with a partially charged rechargeable standard Li-Ion battery and travel adapter.

Important!: You must fully charge the battery the first time you use your phone, otherwise you could damage the battery.

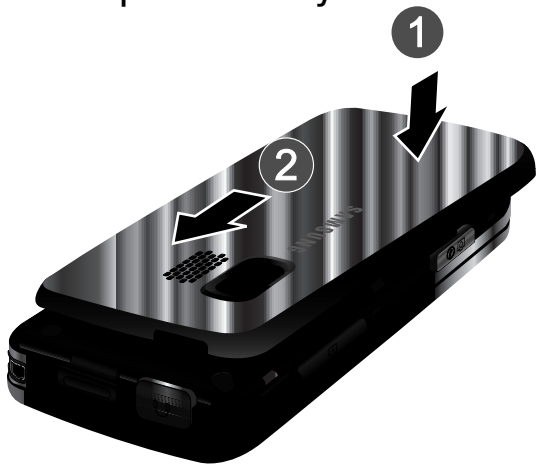
Battery Cover

Remove the battery cover to access the battery and microSD™ card slot.

Remove Battery Cover



Replace Battery Cover



- To **remove the battery cover**, press the battery cover release latch (1), lift the battery cover slightly (2), and slide the cover off (3).
- To **replace the battery cover**, press the top end of the battery cover down lightly (1), and slide it over the battery (2) until it clicks into place.

Install the Battery

▶ Insert the top end of the battery first, matching the gold contacts on the inside of the battery to those on the phone (1), then press the bottom of the battery down into the phone until it slips into place (2).

Remove the Battery

Before removing the battery, turn the phone off, if necessary. To turn the phone off, press and hold the PWR END key.

▶ Lift the end of the battery up and away from the phone (1) and slide the battery up and out of the phone (2).

Charging the Battery

Your phone is powered by a rechargeable standard Li-Ion battery. Only use Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. **Use of other accessories may invalidate your warranty and may cause damage.**

Low battery indicator

The battery indicator in the upper-right corner of the display indicates power level. Monitor the battery strength and ensure your battery is adequately charged. If you continue to use your phone without charging its battery, the phone will shut down.

- Five bars indicate a full charge.
- An empty battery icon indicates a near empty battery.
- A blinking empty battery icon and a tone sounding indicate you have two to three minutes before the battery is too low to operate the phone.

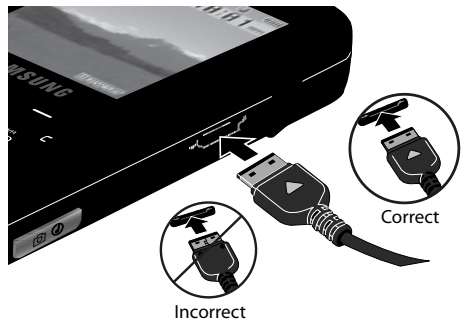
Use the Travel Adapter

The travel adapter included with your phone is a convenient, light-weight charger that rapidly charges your phone from any 120/220 VAC outlet.

Important!: For connection to an electrical supply not located in North America, you must use an adapter of the proper configuration for the power outlet. Use of the wrong adapter could damage your phone and void your warranty.

---

1. Plug the large end of the Travel Adapter into a standard 120 VAC or 220 VAC wall outlet.
2. Insert the small end of the Travel Adapter into the charger/accessory connector on the side of your phone. You must unplug the adapter before removing the battery from the phone during charging to avoid damage.



Activating Your Phone

Contact your Wireless Carrier and follow their instructions for obtaining service, if necessary. We suggest that you read this guide to fully understand the services your phone supports.

Turning Your Phone On

▶ Press and hold the PWR END key until the display lights. the phone searches for a network signal, and the time, date, and day appear on the display.

If you are outside of your carrier's coverage or roaming area, the No Service icon appears at the top of the phone's display. If you cannot place or receive calls, try later when service is available, or at another location.

Note: As with any other radio-transmitting device, do not touch the antenna while using your phone as this can affect call quality and can cause the phone to operate at a higher power level than is necessary.

Turn Your Phone Off

▶ With the phone closed, press and hold the PWR END key for two or more seconds. Your phone powers off.

Note: If your phone is on and you press PWR END for less than one second, the phone will not power off. This prevents your phone from being turned off accidentally.

Setting Up Your Voicemail

Voicemail allows callers to leave voice messages, which can be retrieved any time.

Note: Once your Voicemail account has been set up, you can use the **Voicemail** folder (under the **Message** menu) to view details of voice messages in your Voicemail box.

▶ In standby mode, press and hold the 1 ∞ key, or dial your mobile number to dial Voicemail. Follow the prompts in the new user tutorial to set up your mail box.

Listen to Voicemail

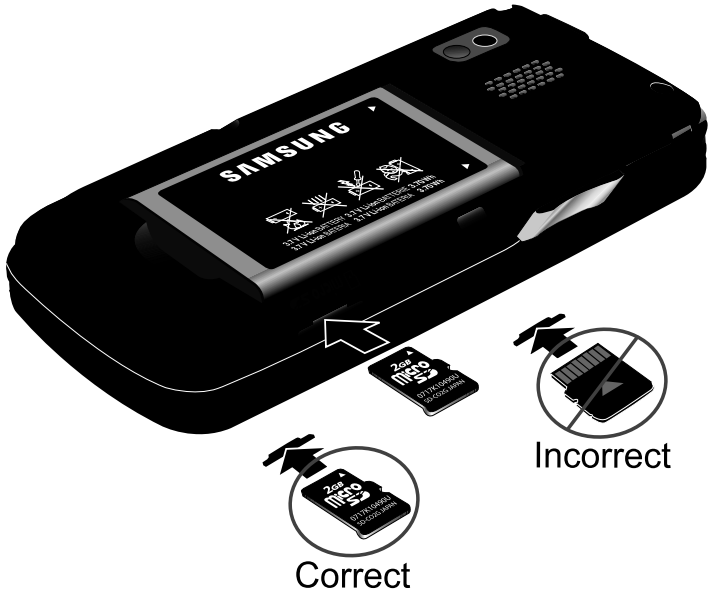
▶ In standby mode, press and hold the 1 key or dial your mobile number to dial Voicemail. After connecting, you will hear your voice greeting, and the prompt to enter your password.

Memory Card (Optional)

Your phone has a Memory Card slot on its side, behind the battery cover. You can install a microSD™ card to provide additional memory for storing files (such as sound files and photos) in your phone.

Install a Memory Card

1. Remove the battery cover from the back of your phone. (For more information, refer to *"Battery Cover"* on page 5.)
2. Insert the memory card — label side facing up and smaller end pointing toward the phone — into the memory card slot.



3. Press the memory card into the slot until the card locks into place.
4. Replace the battery cover.

Remove a Memory Card

1. Remove the battery cover from the back of your phone. (For more information, refer to *"Battery Cover"* on page 5.)
2. Press the memory card into the slot until the card lock releases.
3. Remove the memory card from the memory card slot.
4. If desired, install another memory card. (For more information, refer to *"Install a Memory Card"* on page 9.)
5. Replace the battery cover.

Headset (Optional)

Your phone includes a jack for attaching an optional Headset/Headphones. You can use a Headset or Headphones to hear telephone conversations, or to listen to the Music Player feature.

▶ Insert the Headset or Headphones into the Headset Connector at the top of the phone.

Section 2: Call Functions

This section provides procedures for making and answering calls. This section also describes features, such as call logs and call timers, that help you make calls and manage your call time.

Note: The procedures in this section can be performed using the phone keypad or the QWERTY keypad.

Tip: When using the QWERTY keypad, it is recommended that you also use an optional headset or an optional handsfree car kit or that you place your phone in Speakerphone mode. (For more information, refer to *"Speakerphone Key"* on page 27..)

Making a Call

▶ With the phone on, enter the telephone number you wish to call using the keypad and press SEND to place the call.

Emergency Calls

When you call an Emergency Number, such as 911, your SCH-R451C phone locks itself in emergency mode, only allowing you to make calls to the emergency call center you originally contacted. This enables emergency operators to more easily dispatch aid, such as police, fire fighting, and emergency medical personnel.

▶ With the phone on, enter the Emergency Number you wish to call using the keypad, and press SEND to place the call.

Note: You can define up to 3 emergency numbers in your phone in the **Settings** ➔ **Phone Settings Security** ➔ **Emergency #** menu.

Important!: If you need to make an emergency (911) call with Airplane mode enabled, just dial the emergency number and press SEND.

Three-way Calling

Call two other numbers and connect them to your call using three-way calling.

1. In standby mode, enter the number for the first party in your call, then press SEND.
2. When connected, ask the first party to remain on the line. Press SEND to place them on hold.
3. Enter the second party's phone number and press SEND.
4. When the second party answers, press SEND to connect all three parties.

Manual Pause Calling

To manually call a number with pause(s) without storing it in your Contacts list:

1. In standby mode, enter the number you wish to call.
2. Press the **Options** soft key. The following pause options appear in the display:
   - **2-Sec Pause** — A 2-second pause after which dialing resumes.
   - **Wait** — A hard pause (waits for input from you).
3. Highlight the desired pause.
4. Press the OK key or OK key to enter the highlighted pause into the number sequence.
5. Press SEND to call the number.

Tip: Press the **Save** soft key to store pauses along with the number if you plan to call the number frequently.

Speed Dialing

Speed Dialing lets you place a call to any Contact stored in your Contacts list by dialing the Contact's Location number. For more information, refer to *"Speed Dial"* on page 35.

Example: To speed dial the Contacts entry assigned to speed dial 325, press 3 DEF or E, press 2 ABC or W, then press and hold 5 JKL or T.

Voice Dialing

The voice recognition capabilities of your SCH-R451C are exceptional due to advanced, speaker-independent technology. This means you do not need to "train" your phone to understand your voice. You can use your voice *in a natural manner* to dial numbers.

Note: End Calls Before relaunching the Nuance voice recognition software — When you use Voice Dialing to make a call, you must end that call before you can use other Voice Commands. See *"Voice Service"* on page 18 for more information.

Use the **Call** command to dial any number stored in your Contacts list by saying the name of the contact (Name Dialing). You can also use **Call** to dial any telephone number, even numbers not stored in your contact list, by speaking the individual digits in the number (Digit Dialing).

▶ To access Voice Service, press and hold O or P, then follow the spoken prompts.

Voice Dialing Tips:

- Wait for the beep before speaking.
- Speak clearly at a normal volume, as if you were talking to someone on the phone.
- When saying a name, say the first name then the last name.

Answering a Call

Incoming

When you receive a call, the phone displays one of the following:

- If the caller can be identified, the caller's number (or name if it's in your Contacts) appears in the display.
- If the caller cannot be identified, **Call from unavailable #**, **Call from restricted #**, or no number appears in the display.

Tip: Assign pictures to Contacts entries. The entry's assigned picture appears in the display when you receive a call from that entry. (See *"Assigning a Picture to a Contact"* on page 34).

The phone continues to notify you of the call until one of the following events occur:

- You answer the call.
- The calling party ends the call.
- The call is sent to voicemail.

Set Call Ringer Volume

1. In standby mode, press the Volume key on the left side of the phone.
2. Press the Volume key up or down to set the call ringer volume as desired.

Call Answer

Select from two methods for answering calls. This option can be changed in the **Settings** menu.

▶ In standby mode, press **Menu** ➔ **Settings** ➔ **Call Settings** ➔ **Call Answer**. The following options appear in the display:

- **Any Key** — Pressing any key except PWR END, the Quiet soft key (left) , or the Ignore soft key (right) , answers a call.
- **Send Key** — Only pressing SEND answers a call.

Call Waiting

If you're on a call, your phone beeps when you receive a second call. Call Waiting lets you answer the second call and alternate between both calls.

Note: Contact your Wireless Carrier for availability.

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1. Press SEND to place the first call on hold, answer the second call, and ask the caller to remain on the line.
2. Press SEND to place the second call on hold and return to the first call.
3. Press SEND to alternate between calls.

Caller ID

Caller ID lets you identify who is calling you by displaying a caller's number. If the caller's name and number are stored in Contacts, the caller's name also appears. If you've assigned a picture to the entry, it appears in the display as well.

Call Block

You can prevent your number from displaying on another phone's caller ID screen by enabling **Call Block**.

1. In standby mode, press *, 6 MNO, 7 PQRS (or Z*, Y5, 8 T).
2. Enter the number you wish to call, then press SEND.

Silence an Incoming Ring

To temporarily silence the incoming call ringer:

- While your phone is ringing, press the Volume key, on the left side of the phone, up or down or press the **Quiet** soft key (left).

Ignore an Incoming Call

Ignored calls are immediately forwarded to Voicemail.

- While your phone is ringing, press the **Ignore** soft key.

Recent Calls

Your phone has Call Logs that retain information about Outgoing, Incoming, and Missed Calls. The **Calls** menu lets you access this information for future reference, to return calls, and to add new Contacts. You can also view times for your last call and the total of all calls.

Tip: To quickly view a list of your 270 most recent calls (outgoing, incoming, and missed), briefly press SEND while in standby mode. The **All Calls** screen appears in the display.

Outgoing Calls

The last 90 outgoing calls are stored in the Outgoing calls log. Review the Outgoing calls log for the time and date of a call, as well as other information.

- In standby mode, press **Menu** ➔ **Recent Calls** ➔ **Outgoing Calls**. A list of your outgoing calls appears in the display.

Incoming Calls

The last 90 Incoming calls are stored in your phone's Incoming calls log. You can review the Incoming calls log for time and date of each call, as well as other information.

- In standby mode, press **Menu** ➔ **Recent Calls** ➔ **Incoming Calls**. A list of your incoming calls appears in the display.

Missed Calls

The last 90 missed calls (calls you did not answer) are stored in the Missed calls log. Review the Missed Calls log for the time and date of the call, as well as other information.

- In standby mode, press **Menu** ➔ **Recent Calls** ➔ **Missed Calls**. A list of your missed calls appears in the display.

Erase All Calls

1. In standby mode, press **Menu** ➔ **Recent Calls** ➔ **All Calls**. The **All Calls** list appears in the display with the first call in the list highlighted.
2. Press the **Options** soft key, then select **Erase all**. "**Erase all entries?**" prompts you to confirm erasure of all Calls log entries.

Call Timer

View the duration of your last call, total calls, and calls made during the life of your phone using the Call timer feature. Call timer is not for billing purposes.

▶ In standby mode, press **Menu** ➔ **Recent Calls** ➔ **Call Timer**.

Data Counter

Use **Data Counter** to view the amount of data that has been sent or received (or a total of both) using the data services that your phone supports. The Data Counter can be a helpful tool for monitoring data usage, especially if your service agreement has specified limits.

▶ In standby mode, press **Menu** ➔ **Recent Calls** ➔ **Data Counter**.

Save Numbers from Call Logs

Store numbers from your **Outgoing**, **Incoming**, **Missed**, and **All** calls logs to Contacts.

1. In standby mode, press **Menu** ➔ **Recent Calls**.
2. Use the navigation keys to select a call and highlight the number you wish to store in Contacts and press OK.
3. Press the **Options** ➔ **Save** ➔ **Create New** to add the number as a Contacts entry, or select **Update Existing** to find a Contact with which to associate the new number. Follow the prompts to store the number to Contacts.

Section 3: Voice Service

Your SCH-R451C includes Nuance, state-of-the-art voice recognition software that lets you use your voice to dial numbers, access your Contacts list, and open Tools.

Voice Commands

To access the Voice Commands menu from standby mode:

▶ Press and hold or .

"**Say a Command**" appears in the display and plays through the earpiece, followed by a list of available commands.

– or –

▶ Press **Menu** ➔ **Voice Service** ➔ **Voice Commands**.

Follow the spoken prompts to use Voice Service. Use the **Call** command to dial any number stored in your Contacts list by saying the name of the contact (Name Dialing). You can also use **Call** to dial any telephone number, even numbers not stored in your contact list, by speaking the individual digits in the number (Digit Dialing).

Note: You can also set your phone to start Nuance when you connect an optional headset to the phone. (For more information, see *"Voice Launch"* on page 20.)

Voice Command Tips:

- Wait for the beep before speaking.
- Speak clearly at a normal volume, as if you were talking to someone on the phone.
- When saying a name, say the first name then the last name.

Voice Settings

Voice Settings allow you to customize the way Nuance interprets your voice commands. To access the Voice Settings menu:

▶ In standby mode, press **Menu** ➔ **Voice Service** ➔ **Voice Settings**.

Choice Lists

When Nuance cannot recognize a name or number, it displays a choice list of up to three possible choices, and prompts you to confirm the correct one. You can select how Nuance will use choice lists with name dialing, digit dialing, and Contacts. To change the way Nuance uses choice lists:

▶ In standby mode, press **Menu** ➔ **Voice Service** ➔ **Voice Settings** ➔ **Choice Lists**.

Sensitivity

The sensitivity setting allows you to customize the sensitivity of the Nuance matching software. To set sensitivity:

▶ In standby mode, press **Menu** ➔ **Voice Service** ➔ **Voice Settings** ➔ **Sensitivity**.

Digit Dialing

If you regularly have trouble with Nuance not recognizing the numbers you speak, try adapting digit dialing to your voice. Adapting can improve the accuracy of digit recognition, especially for people with strong regional accents.

Note: After you adapt Digit Dial, your phone is customized to your voice, and your voice only. Others will not be able to use it unless they reset the phone to factory defaults.

Adaptation involves recording several sequences of four digits each. The recording process takes about a minute.

Adapt Digits

To adapt digit dialing, do the following:

▶ In standby mode, press **Menu** ➔ **Voice Service** ➔ **Voice Settings** ➔ **Digit Dialing** ➔ **Adapt Digits**.

Reset Digits

You can choose to reset digit dialing to factory default settings.

▶ In standby mode, press **Menu** ➔ **Voice Service** ➔ **Voice Settings** ➔ **Digit Dialing** ➔ **Reset Digits**.

Tips for Adapting Digit Dialing

- Use Adapt Digits in a quiet place.
- Make sure you wait for the beep before starting to speak.
- Speak clearly, and say each digit distinctly.
- If you make a mistake while recording a sequence of digits, or if there is an unexpected noise that spoils the recording, re-record that sequence.
- Only adapt digits if you are regularly having problems with digit dialing. Once you adapt, digit dialing will not work as well for other people using your phone. (You can always reset digit adaptation to its original state.)

Sound

Sound lets you specify what (if any) text prompts you want your phone to read to you through the earpiece during voice dialing.

▶ In standby mode, press **Menu** ➔ **Voice Service** ➔ **Voice Settings** ➔ **Sound**.

Voice Launch

Voice Launch allows you to specify how to launch Voice Service. To set the key or action that launches Nuance, do the following:

▶ In standby mode, press the **Menu** ➔ **Voice Service** ➔ **Voice Settings** ➔ **Voice Launch**.

Section 4: Understanding Your Phone

This section outlines some key features of your phone. It also describes the screen format and the icons that will be displayed when the phone is in use.

Features of Your Phone

- Domestic and international voice and text messaging service (available on participating networks).
- High speed data (CDMA 2000 1x Technology)
- Bluetooth® Wireless Technology (see Note)
- Global Positioning (GPS) Technology
- PIM Functions
- Picture (MMS) Messaging
- Text (SMS) Messaging
- E-mail Messaging
- QWERTY Keypad
- Built-in 1.3 Megapixel Digital Camera
- Voice Dial
- Speakerphone

Note: The SCH-R451C supports the wireless handsfree profile and OBEX profiles for Bluetooth® wireless technology. The SCH-R451C does not support the Bluetooth serial port profile.

Closed View of Your Phone

Features

1. **Volume Key** — Adjusts the ring volume in standby mode, adjusts the voice volume during a call, or mutes the ringer during an incoming call.
2. **Left Soft Key** — Navigates through menus and applications.
3. **Speakerphone Key** — Enables/disables speakerphone mode.
4. **SEND Key** — Dials or receives calls. In standby mode, press the key once to display the recent call log.
5. **Alpha-numeric Keys** — Used to enter numbers, letters, and characters.
6. **Earpiece / Speaker** — Lets you hear ringing and alert tones, alarm tones, and the other parties to calls.

7. **Display** — Indicates the status of your phone, including numbers dialed, feature and function screens, status icons, message indicators, and signal strength.
8. **OK Key** — In standby mode, launches the Prepaid Menu. Pressing when navigating through a menu accepts the highlighted choice in a menu.
9. **Navigation Key** — In Menu mode, lets you scroll through the phone menu options. In Standby mode, lets you access preset functions.
10. **Voicemail Key** — Speed dials your Voicemail account to review voicemail.
11. **Special Function Keys** — Enters special characters, or performs various functions.
12. **Microphone** — Lets the other party to a call hear you clearly when you are speaking to them.
13. **Power/Accessory Connector** — Used to plug in charging accessories and to connect a headset or any available accessory cables to your phone.
14. **Right Soft Key** — Navigates through menus and applications.
15. **CLR Key** — Clears characters from the display when you are in text entry mode. Press this key to return to the previous menu or screen when navigating features on your phone.
16. **END Key** — Ends a call. Press and hold the END key to turn the phone On or Off. When you receive an incoming call, press to send the call to voicemail.
17. **Camera / Music Player Key** — Press to launch the Camera. Press and hold to launch the Music Player feature.
18. **Voice Service Key** — In standby mode, press and hold this key to launch Voice Service.

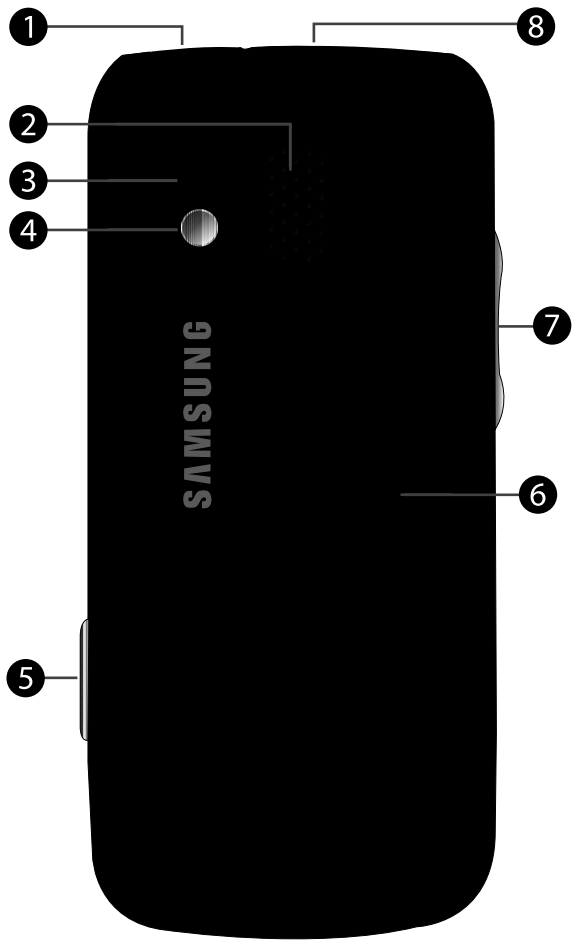
Open View (Front) of Your Phone

Features

1. **soft1 Key** — Left soft key — Selects the choice at the bottom left corner of the display.
2. **shift Key** — Shifts **ABC** text entry mode capitalization between **ABC**, **Abc**, and **abc**.
3. **Messages Key** — Launches the **Messages** menu.
4. **Fn Key** — Text Function Key — In text entry mode, press to allow entry of Function characters (upper characters on keys).
5. **space Key** — Inserts a space character in a text entry.
6. **Arrow / Navigation Keys** — In Menu mode, scrolls through the phone menu options. In Standby mode, accesses preset functions.

7. **soft2 Key** — Right soft key — Selects the choice at the bottom right corner of the display.
8. **OK Key** — In standby mode, launches the Prepaid Menu. When navigating through a menu, accepts the highlighted choice in a menu.
9. **Clear / Back Key** — Deletes characters from the display when you are in text entry mode. Press this key to return to the previous menu or screen when navigating features on your phone.

Closed Rear View of Your Phone



1. **Headset Connector** — Connects a headset or TTY device to your phone.

2. **Speaker Grille** — Lets you hear ringing and alert tones, alarm tones, and the other parties to calls.
3. **Camera Lens** — The lens of your built-in camera.
4. **Mirror** — Lets you position the Camera Lens to take self portraits.
5. **Camera / Music Player Key** — Launches the Camera or the Music Player feature of your phone.
6. **Battery Cover** — Lets you access your phone's battery.
7. **Volume Key** — Adjusts the ring volume in standby mode, adjusts the voice volume during a call, or mutes the ringer during an incoming call.
8. **Battery Cover Release Latch** — releases the battery cover for removal.

Command Keys

Functions for the command keys are defined by what appears above each in the display.

Left Soft Key

Some functions of the Left soft key are as follows:

- In standby mode, press the **Menu** (Left) soft key or soft1 to show the **Menu** screen.
- When the Left soft key function is **Edit**, press the left soft key or soft1 to edit a field.

Right Soft Key

Some functions of the Right soft key are as follows.

- In standby mode, press the **Browser** (Right) soft key or soft2 to launch the **Browser**.
- When the Right soft key function is **Options**, press the right soft key or soft2 and the Options menu appears.
- When the Right soft key function is **Back**, press the right soft key or soft2 to back up one menu level.

OK Key

- In standby mode, press the **OK** key OK or OK to launch the **Prepaid** menu.
- In some menus, press the **OK** key OK or OK to accept the highlighted selection.
- In Camera mode, press the **OK** key OK or OK to **TAKE** a photo.
- When the **OK** key function is **Edit**, press the **OK** key OK or OK to edit a field.

Speakerphone Key

The Speakerphone key is used to place your phone in Speakerphone mode, allowing you to use your phone handsfree and/or to share a call with others, such as in an office or conference room

Clear Key

The **Clear/Back** key C or ← is used to erase or clear numbers, text, or symbols from the display. You can also use the C or ← key to return to a previous menu.

- If you enter an incorrect character, briefly press C or ← to backspace (and delete) the character.
- To erase the entire sentence, press and hold C or ←.

- When navigating a menu, briefly press C or ← to back up one level.

End Key

- Press and hold the End key PWR END to turn on your phone.
- Briefly press PWR END once to disconnect a call.
- Press PWR END to return to standby mode from any menu, or to cancel the last input.

Send Key

The Send key SEND is used to answer calls, dial calls, and to recall the last number(s) dialed, received, or missed.

- Press SEND once to answer calls.
- Enter a number and briefly press SEND to make a call.

- Briefly press SEND in standby mode to display a list of recent calls to and from your phone.
- Press SEND twice in standby mode to call the most recent number.
- Press SEND to pick up a waiting call. Press SEND again to switch back to the other call.

Navigation Key

Use the directional keys on the Navigation key OK to browse menus, sub-menus, and lists. Each directional key also acts as a shortcut to launch applications. (For more information, refer to *"Menu Navigation"* on page 38..)

Camera / Music Player Key

Press the Camera/Music Player key on the right side of the phone to activate the camera built into your phone and to take pictures, or press and hold it to activate the Music Player built into your phone to play music files loaded onto an optional microSD™ Memory Card.

Display Screen Icons

Your SCH-R451C phone can show you a list of all icons that appear on the top line of the display. To access the Icon Glossary:

▶ In standby mode, press **Menu** ➔ **Settings** ➔ **Phone Info** ➔ **Icon Glossary**.

Backlights

Backlights illuminate the display and the keypad. When you press any key or open the phone, the backlights come on. They go off when no keys are pressed within a period of time set in the **Backlight** menu.

Note: During a phone call, the display backlight dims after 10 seconds and turns off after 30 seconds to conserve battery power, regardless of the Backlight setting.

For more information, refer to *"Display Settings"* on page 44..

Your Phone's Modes

Call Answer Mode

You can choose to answer a call by pressing any key except the PWR END key or key, by pressing only the SEND key, or by opening the phone's slide. (For more information, refer to *"Call Settings" on page 45.*.)

Input mode

Input mode determines how you enter text, numbers, and symbols. While at any text entry screen, press the Left soft key or soft1, then choose the input mode from the pop-up menu using the Navigation key. Optional input modes are **T9 Word**, **Abc**, **ABC**, **Symbol**, and **123**. (For more information, refer to *"Entering Text"* on page 57.)

Tip: With the phone closed, you can also cycle between **T9 Word**, **Abc**, and **123** by pressing and holding the * key.

Lock Mode

When the phone is in Lock Mode, restrictions are placed on phone use. You can receive calls and messages, but cannot place outgoing calls (except for emergency numbers) until you unlock the phone. Lock Mode also restricts access to menus and the volume key. Your phone's Lock Code is required. To access Lock settings:

▶ From standby mode, press **Menu** ➔ **Settings** ➔ **Phone Settings** ➔ **Security** ➔ **Lock Phone**.

Standby Mode

Standby mode is the state of the phone once it has found service and is idle. The phone goes into standby mode:

- After you power the phone on.
- When you press PWR END after a call or from within a menu.

In standby mode, you will see the time, day, and date as well as all phone status icons.

Place Calls in Standby Mode

1. While in standby mode, enter a phone number, and press SEND to place a call.
2. Press PWR END to return to standby mode.

Receive Messages in Standby Mode

You can receive messages in standby mode. An alert tone sounds and a notification message appears in the display when a new message arrives. The following call message options appear:

- **View Now** — This selection allows you to view the messages now.
- **View Later** — This selection allows you to view the messages at a later date.

▶ Highlight the desired viewing option and then press OK.

Adjust the Ringer

You can adjust the ringer volume for incoming calls/messages.

▶ In standby mode, press the volume key on the left side of the phone up or down. Options are:

- **Ringer Off**
- **Vibrate**
- **Low**
- **Low/Medium**
- **Medium**
- **Medium/High**
- **High**
- **Vibrate/High**

Talk Mode

You can place and receive calls only when your phone is on. While in a call your phone is in talk mode. Press the **Options** soft key to display a list of menu options.

Speakerphone Mode

Speakerphone lets you use your phone handsfree or to share a call with other people nearby. To turn Speakerphone Mode on and off:

▶ In standby mode, press and hold the Speakerphone key until "**Speakerphone On**" or "**Speakerphone Off**" appears in the display.

Note: Your phone automatically enters Speakerphone Mode when you dial a call using the QWERTY keypad and the called phone begins ringing.

Caution!: Keep the phone away from your ear while in Speakerphone Mode.

Silent Mode

Silent Mode causes your phone to operate with no tones. To turn Silent Mode on and off:

▶ In standby mode, press and hold #.

Vibrate Mode

▶ In standby mode, repeatedly press the volume key on the upper left side of the phone until **Vibrate** appears in the display. The Vibrate icon appears in the display when the phone is in Vibrate Mode.

Camera Mode

Camera mode lets you activate your phone's camera to take pictures. In Camera mode, you can also adjust the resolution and appearance of your pictures.

Note: For more information, refer to *"Camera"* on page 47..

- **Entering Camera Mode** — In standby mode, press the Camera/Music Player key on the right side of the phone.
- **Exiting Camera Mode** — Press the PWR END key.

Music Player Mode

Music Player mode lets you activate your phone's Music Player to play music files from an optional microSD™ Memory Card.

Note: For more information, refer to *"Memory Card (Optional)"* on page 9. and to *"Music Player"* on page 48.

- **Enter Music Player Mode** — In standby mode, press and hold the Camera/Music Player key — on the right side of the phone.
- **Exit Music Player Mode** — Press the PWR END key.

Section 5: Understanding Your Contacts

Up to 500 entries can be stored in Contacts. Each entry can have up to five associated phone numbers and one e-mail address. Each phone number can be up to 32 digits in length, including pauses, and associated names can be up to 32 characters in length. You can assign the Speed Dial numbers of your choice for each entry. Using Security settings, you can also set your Contacts list as Restricted to prevent unauthorized viewing.

Note: Although the procedures in this section are written for the phone keypad, you can also perform these procedures using the QWERTY keypad.

Finding a Contact

Shortcut Key/Menu Method

If you've stored a name entry in Contacts, **Find** allows you to find it quickly.

- In standby mode, press **Menu** ➔ **Contacts** ➔ **Find**.

  – or –

- Press the Contacts shortcut key / **Down** Navigation key to open **Contacts**, then press **Find**.

The **Find** screen appears in the display with the **Go To** field and the first Contacts entry highlighted.

Voice Method

Use the **Voice Service** ➔ **Lookup** feature to view contact information for any named contact stored in your Contacts list by saying the name. To look up information for a specific contact:

1. In standby mode, press and hold to launch **Voice Service**. "**Say a Command**" appears in the display and is pronounced through the speaker.
2. Say "**Lookup**" and the name of the contact.

Adding a New Contact

Dial Method

1. Using the keypad, enter the number you wish to add to your **Contacts**.
2. Press the **Save** soft key and enter the contact information.

Menu Method

1. From the **Contacts** menu, select **Add New Contact**.
2. Enter the contact info name of the new entry using either keypad.

Deleting a Contact

▶ Find the Contacts entry you want to delete. then press **Options** ➔ **Erase**.

Editing a Contact

1. Press **Menu** ➔ **Contacts** ➔ **Find** and select the contact to be changed.
2. Press **Edit** and make the desired changes.

Assigning a Picture to a Contact

When you assign a picture to a Contacts entry, the picture you assign appears in the display when you receive a call from that Contact.

1. Find the Contacts entry you want to edit, and press **Edit**.
2. Highlight the **Picture** field (at the top of the **Edit Contact** screen), press the **Set** soft key, and select a picture from the phone's memory or the installed memory card. You can also open the Camera module to take a new picture for this contact.

Assigning a Ringtone to a Contact

When you assign a ringtone to a Contacts entry, the phone plays the ringtone that you assign when you receive a call from that Contact instead of the Voice Calls ringtone.

1. Find the Contacts entry you want to edit, and press **Edit**.
2. Highlight the **Ringtone** field, press the **Set** soft key, and choose a tone from:
   - **My Ringtones**
   - **My Sounds**

Saving a Number After a Call

Once you finish a call, you can store the caller's number to your Contacts list.

Note: If the call was incoming and Caller ID information was unavailable, then the **Save** option is also unavailable.

---

1. After ending the call, the call time, length of call, phone number, and name of the party (if available) appear in the display.
2. Press the **Save** soft key, and choose an option:
   - **Create New** — Lets you create a new Contacts entry.
   - **Update Existing** — Lets you add the number to an existing Contacts entry.

Speed Dial

Speed Dial allows you to quickly dial a contact by pressing a sequence of number keys assigned to the contact. You can assign one or more Speed Dial numbers to a Contacts entry during new entry creation or by editing an existing entry. Speed dial numbers can be one, two or three digits.

Assign a Speed Dial Number

1. While entering a contact telephone number, press **Options** ➔ **Set Speed Dial**.
2. Choose an unassigned speed dial number and press **Set**.

Removing a Speed Dial Number

▶ Find the contact telephone number, then press **Options** ➔ **Remove Speed Dial**.

Contacts Groups

Groups let you easily send messages to multiple, selected Contacts. You can also use Groups to find Contact entries and to add/remove Contacts names in a Group or to create or rename a Group.

Add Multiple Contacts to a Group

The Add option lets you add one or more existing Contacts to a Group.

1. From the **Contacts** menu, select **Group**, then select a group.
2. Press **Options** ➔ **Add**, then mark contacts to add to the group by pressing OK or OK.
3. Press **Done** to add the contacts to the group.

Rename a Group

The Rename option lets you change the name any of the Groups, except **No Group**.

1. From the **Contacts** menu, select **Group**. The **Group List** screen appears in the display.
2. Highlight a Group name (other than **No Group**) that you wish to change, then press **Options** ➔ **Rename**. Enter changes to the group name and press **SAVE** OK or OK.

Add a New Group

1. From the **Contacts** menu, select **Group**. The **Group List** screen appears in the display.
2. Press the **New** soft key, enter a new group name, then press **SAVE** OK or OK.

Erase a Group

1. From the **Contacts** menu, select **Group**. The **Group List** screen appears in the display.
2. Highlight the Group you wish to delete, then press the **Options** ➔ **Erase**.

Note: When you delete a Group, any assigned Contacts entries return to **No Group**.

Memory Info

The **Memory Info** menu option lets you view the amount of memory you have used to store Contacts entries, as well as the memory remaining to store more Contacts entries.

▶ From the **Contacts** menu, select **Memory Info**. The amount of memory used and remaining (Free) for Contacts entries is displayed.

Section 6: Menu Navigation

This section explains the menu navigation for your phone.

Menu Navigation

Access the menus and sub-menus in your phone using the navigation key , the arrow keys , , , , and soft keys or , or use a shortcut.

1. In standby mode press the Menu soft key or . The first of several menus appear in the display.

Note: More than one menu may appear in your display. This setting can be modified in the **Display / Menu Style** menu.

---

2. Use the Navigation key to browse through the menus.
3. Press or to enter the menu or sub-menu that appears in the display.
4. Press the **Back** soft key or press or to return to the previous menu.

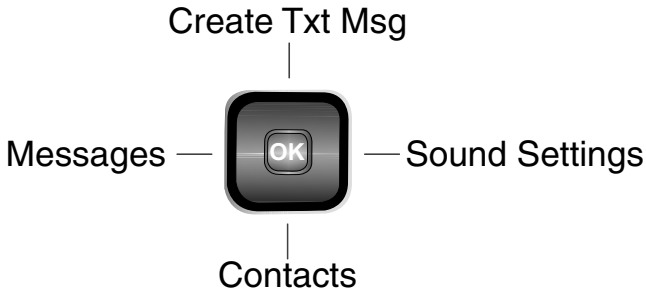
Return to the Previous Menu

- Press the **Back** soft key to return to a previous menu.
- When **Back** does not appear in the display, press or to return to the previous menu.

Navigation Key Shortcuts

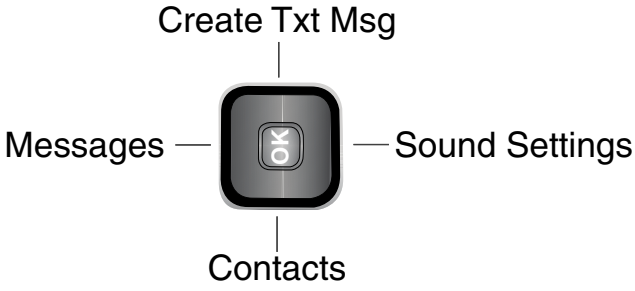
QWERTY Keypad Closed

In standby mode with the QWERTY keypad closed, press a navigation key to launch the key's corresponding application in the pattern shown here.



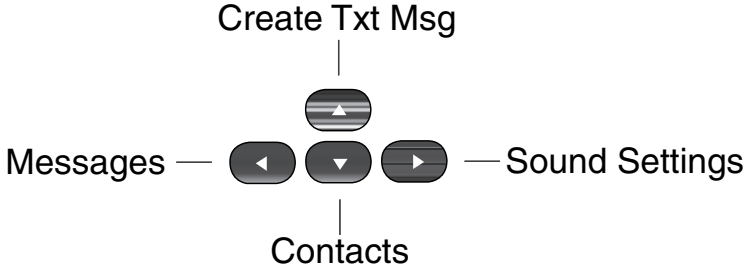
QWERTY Keypad Open

In standby mode with the QWERTY keypad open, the navigation key application pattern rotates 90° as shown here.



QWERTY Keypad Shortcuts

In standby mode and with the QWERTY keypad open, you have the option of using the arrow keys on the QWERTY keypad itself to launch applications, as shown here.



Navigate Using a Shortcut

You can also access menus and sub-menus using menu numbers. Before you can navigate using a shortcut, you'll need to know the menu or sub-menu number that you wish to access.

1. In standby mode, press the **Menu** soft key — or soft1.
2. Press the number of the menu, sub-menu, and so on for the feature that you wish to access.

Example: press — or soft1 then press 8 TUV or 8 for Tools, then 2 ABC or 2 for Calendar.

Section 7: Tools

This section explains how you can use your phone's Tools functions to view today's calendar, schedule appointments, set an alarm, perform simple math calculations, and more.

Bluetooth

Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 30 feet without requiring a physical connection.

Turn Bluetooth On/Off

▶ From standby mode, press **Menu** ➔ **Tools** ➔ **Bluetooth** ➔ **Bluetooth Settings,** then press **Enable** or **Disable**.

Add New Device

1. From standby mode, press **Menu** ➔ **Tools** ➔ **Bluetooth** ➔ **Add New Device.** At the prompt, Turn Bluetooth on, if necessary.
2. Place the new Bluetooth device in discovery mode. (See the device user manual for more information.)
3. Your phone will search for discoverable devices and display them. Use the navigation keys to highlight the device you want to pair with your phone, then press **PAIR** OK or OK to pair the selected device with the phone. You are prompted to enter the passkey or PIN for the selected device.

Registered List

The Registered List contains paired Bluetooth devices, and allows you to connect/disconnect from a device or modify settings for paired devices.

▶ From standby mode, press **Menu** ➔ **Tools** ➔ **Bluetooth** ➔ **Registered List**.

Bluetooth Settings

Bluetooth Settings allow you to set your phone's Bluetooth availability, and view and set information about your phone's Bluetooth capabilities.

▶ From standby mode, press **Menu** ➔ **Tools** ➔ **Bluetooth** ➔ **Bluetooth Settings**.

Calendar

Calendar allows you to view the current, past, or future month in calendar format, and schedule events. While viewing the calendar, the current date is highlighted, and days with scheduled events are surrounded by a box.

▶ From standby mode, press **Menu** ➔ **Tools** ➔ **Calendar**

Memo Pad

Create notes and store them in Memo Pad. Return to Memo Pad anytime to review and edit your notes.

▶ From standby mode, press **Menu** ➔ **Tools** ➔ **Memo Pad**.

Alarm Clock

Alarm Clock allows you to set up to three alarms that can be set to go off once, or to recur daily at a specific time. Once set, an alarm clock is easy to change or turn off completely.

Note: The alarm doesn't function when the phone is turned off. If the time for an alarm that was set for Daily has elapsed while the phone is off, the alarm occurs at the specified time on the next day.

▶ From standby mode, press **Menu** ➔ **Tools** ➔ **Alarm Clock.**

World Time

World Time lets you view the time of day or night in any of the 24 different time zones around the world.

Note: World Time requires your Wireless Provider's digital service.

▶ From standby mode, press **Menu** ➔ **Tools** ➔ **World Time.** A world map appears in the display. Use the navigation keys to scroll through time zones.

Calculator

You can perform calculations, including addition, subtraction, multiplication and division using your phone.

▶ From standby mode, press **Menu** ➔ **Tools** ➔ **Calculator**.

Stop Watch

Stop Watch provides a timer, which you can use to record lap times.

▶ From standby mode, press **Menu** ➔ **Tools** ➔ **Stop Watch**. To start, stop, and resume the timer, press OK or OK.

Converter

The Converter converts values for currency, length, weight, volume, area, or temperature. In the currency converter, you can edit or add currency exchange rates.

▶ From standby mode, press **Menu** ➔ **Tools** ➔ **Converter**.

Tip Calculator

Tip Calculator allows you to calculate a percentage amount for a tip, and the total due for multiple payers.

▶ From standby mode, press **Menu** ➔ **Tools** ➔ **Tip Calculator**.

Section 8: Settings

This section explains how to configure your phone's language, network preferences, security options, and other settings.

Location

Use the **Location** setting to specify whether your phone passes your Global Positioning System (GPS) location to the network continually, or only when you make an emergency (911) call.

Note: Check with your Wireless Carrier to determine if/when/where location-based services are available.

▶ From standby mode, press **Menu** ➔ **Settings** ➔ **Location**, then choose **Location On** or **911 Only**.

Display Settings

Display Settings let you change your phone's menu appearance, display brightness and contrast, and display content to better meet your needs.

▶ From standby mode, press **Menu** ➔ **Settings** ➔ **Display Settings**.

- **Menu Style** — Select whether the Main Menu appears as an array of Icons or as a List of menu labels.
- **Wallpaper** — Choose the images that appear as background in the displays on your phone while in standby mode.
- **Clock Format** — Choose whether the time and date are displayed, and the style of clock.
- **Theme** — Choose the color set used to show menus and screens on your phone's display.
- **Dialing Font Size** — Select the size of the font used to display digits you dial.
- **Backlight** — Set options for the Main Display, Keypad, Backlight Brightness, and Charging.

Sound Settings

Sound Settings let you customize your phone's audio properties, such as ring tones, keypad tones, alerts, start up melody, and more.

▶ From standby mode, press **Menu** ➔ **Settings** ➔ **Sound Settings**.

- **Volume** — Set the default volume for Voice Calls, Messages, and Alarms.
- **Ringer Type** — Assign ring tones or sounds for Voice Calls and Messages.
- **Alerts** — Set tones for Minute Beep, Roaming, Call Connect, Power On/Off and Charge Alert notifications.
- **Key Tone** — Adjust the volume and length of tones generated when you press keys.

Call Settings

Call Settings allow you to set options for calls, such as Auto Retry, Data rates for data calls, and more.

▶ From standby mode, press **Menu** ➔ **Settings** ➔ **Call Settings** .

- **Call Answer** — Choose how to answer incoming calls; by pressing the Send Key, or Any Key.
- **Auto Answer** — Choose whether the phone will automatically answer incoming calls, and a period of time to wait before automatically answering.
- **Auto Retry** — Select whether the phone will automatically retry calls with no answer.
- **TTY Mode** — Select TTY Full, TTY+Talk, TTY+Hear or TTY Off.
- **Voice Privacy** — Choose the level of privacy: Standard or Enhanced.

Phone Settings

Phone Settings allow you to customize the phone's operation.

▶ From standby mode, press **Menu** ➔ **Settings** ➔ **Phone Settings**.

- **Airplane Mode** — Puts the phone in Airplane Mode, which disables all radio functions of your phone, but allows you to use other features safely in sensitive environments, such as on board an aircraft.
- **Language** — Select from English or Español for use by the phone.
- **Security** — Lock your phone, set up emergency numbers, enable or disable voice privacy, set restrictions, and other security options. These settings require the phone's lock code.

– **System Select** — Set how the phone selects a system for use when outside your home area.
– **Set Time** — Set the time and date (only when operating in out-of-service conditions).
– **Quick Search** — Choose whether Quick Search is used to locate contacts by key entries.
– **PC Connection** — Choose whether your phone is treated as a USB Mass Storage device when attached to a PC, or treated as No Connection (only charging via USB).
– **Auto Key Lock** — Choose whether the phone keys will be automatically disabled when the backlight goes out.

Memory Info

Memory Info shows the amount of memory that is available and used, and details the distribution of the used memory. Information is available for the phone memory, and the optional memory card, if one is installed.

▶ From standby mode, press **Menu** ➔ **Settings** ➔ **Memory Info**.

– **Save Options** — Set the default location for saving Images, either the Phone memory or an optional installed Memory Card.
– **Phone Memory** — Display the Memory Usage and contents of My Images, My Ringtones, and My Sounds stored in the phone's memory.
– **Card Memory** — Display the Memory Usage and contents of My Images, My Music, My Ringtones, and My Sounds on an installed Memory Card, or format the Memory Card.

Phone Info

Phone Info contains information about your phone.

▶ From standby mode, press **Menu** ➔ **Settings** ➔ **Phone Info.**

– **Phone Number** — Display your phone number.
– **Icon Glossary** — Display a list of all icons used on your phone's displays.
– **Version** — Display the phone's hardware and software versions.
– **ESN / MEID** — Display the ESN and MEID numbers for your phone.

Section 9: Multimedia

This section describes the Multimedia features of your phone, including the Camera and Music Player, and My Images, My Ringtones, and My Sounds.

Camera

Use your SCH-R451C phone to take full color digital pictures, display them on your phone's vivid color display, and instantly share them with family and friends.

Taking pictures with the built-in camera is as simple as choosing a subject, pointing the lens (located on the outside of the phone above the external display), and pressing a button. To start the Camera from standby mode:

▶ Press the **Camera / Music Player** key on the side of the phone.

– or –

▶ Press **Menu** ➔ **Multimedia** ➔ **Camera**.

To take a single picture using the current camera settings, point the camera lens at your subject, then press **TAKE** OK or OK.

Camera Options

In Camera mode, press **Options** to set these options for the current Camera session:

- **Self-timer** — Set self timer to Off, 2-second, 5-second or 10-second timer to delay the camera shutter after you press **Take.**
- **Multi Shot** — Choose whether the Camera automatically takes multiple pictures in sequence after you press **Take.**
- **Quality** — Choose Superfine, Fine or Normal photo quality.
- **Resolution** — Choose 960X1280, 480X640, 240X320, 120X160.
- **White Balance** — Set to Auto, Sunny, Cloudy, Tungsten or Fluorescent to match light source.
- **Color Effects** — Apply Normal, Black & White, Sepia, Negative or Green effect to photos.
- **Settings** — Choose these settings to apply to photos until the setting is changed:

– **Memory** — Choose the default location for saving photos, the Phone's memory or to an installed Memory Card.
– **Shutter Sounds** — Select a sound to be played when you press **Take**.
– **Reset Settings** — Choose On to reset all Camera Settings to the defaults.
– **Night Shot** — Choose On for photos taken in low light conditions (applies to current Camera session only).
– **Auto Save** — Select Off to be prompted to save each picture, or On to automatically save to My Images.

Camera Shortcuts

You can use the Up and Down Navigation key or Arrow keys to quickly adjust the Brightness before taking a picture. Use the Left and Right Navigation key or Arrow keys to adjust the Zoom. When you exit the camera mode, all camera settings return to default values.

My Images

My Images lets you manage your photos and pictures you download, and lets you choose the pictures that appear in your phone's display when you turn it on or off, while in standby mode (wallpaper), and as Picture IDs for your contacts.

▶ From standby mode, Press **Menu** ➔ **Multimedia** ➔ **My Images**.

Music Player

Music Player lets you play MP3 music files, loaded onto an optional microSD™ Memory Card using a personal computer. (For information on loading music files on a Memory Card, see *"Loading Music Files"* on page 50.)

To start the Music Player from standby mode:

▶ Press and hold the **Camera / Music Player** key on the side of the phone.

– or –

▶ Press **Menu** ➔ **Multimedia** ➔ **Music Player**.

Playing Music

▶ In **Music Player** mode, use the Navigation keys to select music files, then press the Left soft key to **Play** the file(s).

Music Player Controls

- **Volume key**:
  - To play a music file louder, press the Volume key Up.
  - To play a music file softer, press the Volume key Down.
- **Navigation key**:
  - To pause/resume playing a music file, press OK.
  - To stop playing a music file, press the Down navigation key.
  - To skip play to an earlier music file in the selected list, press the Left navigation key.
  - To skip play to a later music file in the selected list, press the Right navigation key.
  - To return to the selected list to choose another music file to play, press the Up navigation key.
- **Library** soft key — Returns you to the **Library** screen.
- **Options** soft key — Shows the following sub-menus and options:
  - **Play Mode** — Lets you change the play mode from Normal, Shuffle, Repeat One, Repeat All, or Shuffle Repeat All.
  - **Add to Playlist** — Moves you to the **Playlists** menu to let you add the selected music file to a playlist.
  - **Remove** — Deletes the selected music file from the Memory Card
  - **Properties** — Lists the title, artist, album, genre, copyright information, time length, file size, and bit rate of the highlighted music file.
  - **Visualizer** — Lets you change the Music Player visualization to Simple View, Equalizer, Album Art, or Lyrics.
  - **Memory Info** — Displays the **Memory Usage** screen which lists Memory Card usage and availability amounts.

Loading Music Files

To be played with Music Player, music must be stored on a microSD™ Memory Card, in a folder named My_Music. The My_Music folder is created for you when you install the microSD™ Memory Card into your phone.

▶ Copy music files to the microSD™ Memory Card using your personal computer.

My Ringtones

My Ringtones lets you assign ringtones for calls, alarms, and other alerts.

▶ In standby mode, press **Menu** ➔ **Multimedia** ➔ **My Ringtones**.

My Sounds

My Sounds lets you record and manage voice memo files and assign melodies as ringers or alerts.

▶ In standby mode, press the **Menu** ➔ **Multimedia** ➔ **My Sounds**.

Section 10: Browser

With Browser, you can conveniently surf the web and download ringtones and wallpapers using your phone. This section outlines how to launch Browser, how to navigate to pages on the web, and how the keys on the QWERTY keypad are used with the web application. Additionally, links to other sites are briefly discussed.

Each time you launch Browser, your phone connects to the Internet and the service indicator icon appears in the display.

Stored Web Content

The Browser ends an Internet connection after a certain period of inactivity, however some information from your session remains stored in the phone (if you leave your phone turned on). You can access this information without reconnecting to the Internet. However, if you are viewing stored information, and you select a link to a site that was not accessed in your last session, you automatically re-connect to the Internet.

Launching Browser

Note: Browser is only accessible using the QWERTY keypad.

- To launch Browser immediately in standby mode, press the **Browser** soft key (soft2) on the QWERTY keyboard.

  – or –

- To use Browser options to launch Browser, press the **Menu** soft key (soft1), then select **Browser**. The following items are available:
  - **Home** — Takes you to the Home page.
  - **Favorites** —Takes you to a list of your saved Favorites.
  - **Enter URL** — Enter a new URL.
  - **Clear Cache** — Clears the cache stored on the phone.

- **Buy Ringtones** — Lets you browse and purchase Ringtones for use on your phone.
- **Buy Graphics** — Lets you browse and purchase Ringtones for use on your phone.

Exit Browser

▶ To exit **Browser**, press PWR END or close the QWERTY keypad.

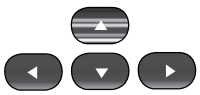
Using Browser

When you use Browser, some of the keys operate differently than during a normal phone call. Browser presents on-screen items in any of the following ways:

- **Text or numeric input** — Fields requiring input — Enter characters as in other text fields.
- **Links (embedded in content)** — Links have several purposes, such as jumping to a different page, to a different site, or even initiating a phone call. Links are shown inside of brackets [ ]. You can normally use the Left soft key soft1 to select a link when it is highlighted.
- **Numbered options** (some may not be numbered) — Use the arrow keys to move within the list, and press **OK** to select an option.
- **Simple text** — Non-selectable content on a web page — Use the Arrow keys to scroll the page while viewing content .

Browser Keys

The following table lists QWERTY keyboard keys used in Browser, and their functions.



Arrow keys — Use to browse lists and options.

Back Key — Press once to back up one page. Press and hold to go back to home page.
When entering text, press once to clear the last number, letter, or symbol entered. Press and hold to completely clear the entry.

SHIFT Key — Press before entering text to enable uppercase characters

Spacebar — Press to insert a space when entering text.

Number 1 thru 0 — Use the number keys to select items in a menu if they are numbered.

End Key — Press to exit Browser and return the phone to standby mode.

Left Soft Key — Press to activate the command that appears in the bottom left corner of the display.

Right Soft Key — Press to activate the command that appears in the bottom right corner of the display.

Section 11: Messages

This section explains how to send or receive different types of messages. This section also describes the features and functionality associated with messaging.

Note: Although the procedures in this section are written for the phone keypad, you can also perform these procedures using the QWERTY keypad.

Types of Messages

Your phone is able to send and receive Text and Picture messages to compatible phones and devices. Text messages can be up to 160 characters in length.

Note: Available memory is shared between all messages. You can store up to 100 messages. However, the exact number is dependent upon message length.

Create and Send Text Messages

- In standby mode, press the **Menu** ➔ **Messages** ➔ **Send Message** ➔ **Text Message**

  – or –

- Press the **Create Txt Msg** shortcut (Up navigation) key.

Create and Send Picture Messages

Picture messages can be sent to recipients with compatible phones or devices. You can even accompany a Picture message with a voice memo or preloaded sound.

- In **Camera Mode**, press **TAKE** OK or OK to take a picture, then press **Send** to attach the picture to a message and send it.

  – or –

- In standby mode, press the **Menu** ➔ **Messages** ➔ **Send Message** ➔ **Picture Message**.

Receive Messages

When you receive a message in standby mode, the ringer sounds (unless turned off) and **New Message** appears in the display along with the closed envelope icon . The date and time of the message also appear in the display along with the following options:

- **View Now** — Opens the message, where you have the option to Forward, Reply With Copy, Save as Preset, Lock, Add To Contacts, Message Info, or Extract.
- **View Later** — Saves the message to your inbox, where you can view it later, then returns your phone to standby mode.

Messages and Lock Mode

Your phone can still receive messages while in Lock Mode. The time and date of the message appear in the display, but you cannot access the message until you enter the lock code.

Your phone stores messages in one of five message boxes. The subsections that follow describe each message box in detail.

Inbox

Received messages of all types (except Voicemail) are stored in the **Inbox**. To access the Inbox:

▶ From standby mode, press **Menu** ➔ **Messages**➔ **Inbox.**

Outbox

Your phone stores messages in the Outbox, regardless of whether the message was successfully transmitted. Verify if and when a message or e-mail was successfully received by enabling the Msg Receipt option when composing the message.

▶ From standby mode, press **Menu** ➔ **Messages**➔ **Outbox.**

Drafts

Messages in the Draft Box are those that have been composed but never sent. You can return to the Draft Box at any time to view, edit, or send a draft message.

▶ From standby mode, press **Menu** ➔ **Messages**➔ **Drafts.**

Voicemail

Voicemail messages are logged in the **Voicemail** box of the **Messages** menu. Open the Voicemail box to check for voicemail and listen to Voicemail messages.

▶ From standby mode, press **Menu** ➔ **Messages**➔ **Voicemail.**

– or –

▶ From standby mode, press and hold the **Voicemail** key 1 ∞.

Erase Messages

You can erase all of the messages in any or all of message boxes using one convenient sub-menu.

▶ In standby mode, press **Menu** ➔ **Messages**➔ **Erase Messages**.

Message Settings

Use the **Msg Settings** sub-menus to define settings for text and picture messages.

▶ In standby mode, press **Menu** ➔ **Messages**➔ **Msg Settings**.

Managing Preset Messages

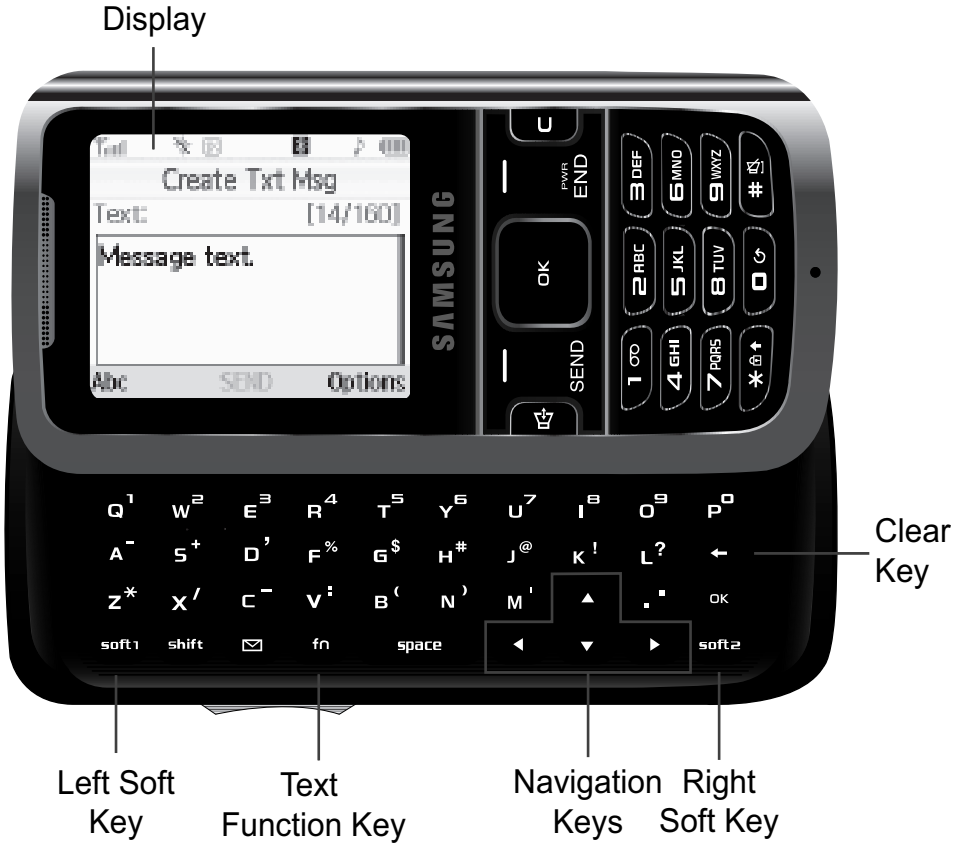
Preset Messages are messages that can be added to a new message to save time entering text. Your phone comes with default Preset Messages, or you can create your own by saving text from a messages.

▶ In standby mode, press the **Menu** ➔ **Messages**➔ **Msg Settings** ➔ **Preset Msgs**.

Section 12: Entering Text

This section outlines how to enter text using the phone keypad or the QWERTY keyboard-style keypad. This section also describes how to use the T9 predictive text entry feature to reduce the number of key strokes needed to enter text.

Built-in QWERTY Keypad



Your SCH-R451C has a built-in keyboard-style keypad, commonly called QWERTY, that you can access by sliding the phone open. When the phone is open the display automatically rotates to a wider, landscape format. Using the QWERTY keypad, you can type letters, numbers, punctuation, and other special characters into text entry fields or other applications more simply, and faster, than using the phone keypad.

Note: The Browser feature requires the QWERTY keypad. Other features requiring text entry (such as Messaging and Memo Pad) accept text entry from either keypad.

Text Entry Modes

Changing the Text Entry Mode

In any text entry screen or field, the current text entry mode (**T9 Word**, **Abc**, **ABC**, **123**, or **Symbols**) is shown in the lower left of the display. To change the text entry mode:

▶ Press the **Left** soft key to scroll through available text entry modes.

- **T9 Word** — Press each phone key only once to enter the letter of the word that you're spelling. The phone recognizes common words from the keys pressed.
- **Abc** — Enter letters, numbers, and symbols by using the QWERTY keypad or by repeatedly pressing each phone key until the desired character (as shown on the key) appears in the display. The first character of each word is upper case.
- **ABC** — Enter letters, numbers, and symbols by using the QWERTY keypad or by repeatedly pressing each phone key until the desired character (as shown on the key) appears in the display. All characters are upper case.
- **123** — Enter numbers by pressing the corresponding keys on the phone keypad or the QWERTY keypad.

Tip: Using the QWERTY keypad, you can also use **123** mode to enter symbols into your message by pressing the keys labeled with the symbols.

- **Symbols** — Using the phone keypad, enter a symbol into your message by pressing the number next to the symbol in the **Symbols** pop-up window.

Using T9® Mode

T9 Word recognizes commonly used words matching the numeric sequence of key presses and inserts the word into your message. Text entry using T9 Word is much faster than the traditional method (**Abc**) and *requires only one key press per letter* of the word.

Note: T9Word can only be used when the phone is in closed/portrait mode.

For example, to enter the word “Samsung”, press each of the following keys *only once*:

If more than one word shares the same numeric sequence, T9 Word inserts the most commonly used word, and displays any additional words in a pop-up menu where you can select the desired word.

- To switch to **T9Word** while composing a text message, press the Left soft key, then select **T9Word**.

Note: To enter a space, press # or space. To enter a period, press 1 or . . These key functions apply to both **T9 Word** and **Abc** modes. For symbols, see *“Entering Symbols”* on page 60.

Adding Words to the T9 Word Dictionary

If pressing the keys corresponding to a word you want to enter does not display that word, do the following:

1. Press the Left soft key, and change the text entry mode to **Add T9 Word**.
2. Enter the word you want to add to the T9 Word dictionary, then press OK. The word is added to the T9 dictionary.

Note: In **Add T9 Word** mode using the phone keypad, you enter a word using the same multiple keypress method as when in Abc text entry mode.

Using Abc/ABC Mode

Abc mode enters characters with the first character of each word capitalized. **ABC** mode enters characters as all capitals.

1. To switch to **Abc** or **ABC** mode while composing a text message, press the Left

soft key , then select **Abc** or **ABC**.

2. Enter characters while in **Abc** or **ABC** mode by using one of the keypads:
   - Using the QWERTY keypad, press the key labeled with the desired character (for example, press G$ for "G" and H# for "H").
   - Using the phone keypad:
     – Press the key repeatedly until the desired character appears in the display (for example, press 4 GHI once for "G" and twice for "H").
     – Pause briefly and the displayed character is accepted and inserted into your message.
     – Press # to enter a space and press 1 ∞ to enter a period.

Using 123 Mode

Enter numbers into a text message while in **123** mode.

1. To switch to **123** mode while composing a text message, press the Left soft key , then select **123**.
2. Enter numbers while in 123 mode by pressing the key labeled with the desired number.

Note: When using the QWERTY keypad, you can enter commonly-used symbols while in 123 mode by pressing the key labeled with the desired symbol.

Entering Symbols

Enter symbols such as "@" or "%" into a text message.

1. To switch to **Symbols** mode while composing a text message, press the Left soft key , then select **Symbols**.
2. The first of three symbol screens is displayed. Use the Left and Right soft keys and Navigation keys to browse the list.
3. Highlight a symbol, then press OK to enter the symbol in your message. Repeat these steps to insert additional symbols into your message.

Section 13: Prepaid

This section outlines the Prepaid features of your phone. For more information, contact your Wireless Carrier.

▶ From standby mode, press **Menu** ➔ **Prepaid**.

Add Airtime

Add Airtime allows you to add airtime to your phone.

▶ From standby mode, press **Menu** ➔ **Prepaid** ➔ **Add Airtime**.

Buy Airtime

Buy Airtime allows you to purchase airtime for use with your phone.

▶ From standby mode, press **Menu** ➔ **Prepaid** ➔ **Buy Airtime**.

My Phone Number

This menu item displays the telephone number assigned to your phone.

▶ From standby mode, press **Menu** ➔ **Prepaid** ➔ **My Phone Number**.

Airtime Info

Airtime Info displays information about remaining minutes.

▶ From standby mode, press **Menu** ➔ **Prepaid** ➔ **Airtime Info**.

Airtime Display

Airtime Display controls whether airtime information is displayed on the screen in standby mode.

▶ From standby mode, press **Menu** ➔ **Prepaid** ➔ **Airtime Display**.

Serial Number

This menu item displays the serial number assigned to your phone.

▶ From standby mode, press **Menu** ➔ **Prepaid** ➔ **Serial Number**. The Serial (MEID)

number is displayed on the screen in decimal (Dec) format.

Code Entry Mode

▶ From standby mode, press **Menu** ➔ **Prepaid** ➔ **Code Entry Mode**.